Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 13 Feb 2022 until 23:59 on Monday 14 Feb 2022

Forecast Issued on Sunday 13 Feb 2022 at 03:32

Confidence: High confidence for a period of unsettled, windy and often wet weather, but lower confidence for details, especially in relation to timings and also amounts of rain on Monday.

Headline for Sunday 13 Feb 2022: A wet and rather windy day.

Mountain weather hazards on Sunday 13 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Drizzle
Precipitation probability					
90%	80%	>95%	80%	70%	20%

Forecast for Sunday 13 Feb 2022

Weather: A wet day with spells of heavy rain and extensive low cloud, but rain becoming lighter and perhaps more patchy into the evening. Becoming drier in the evening with some cloud breaks and a few clear spells late evening, leading to patchy mist or perhaps fog, but with a few showers too.

Chance of cloud-free hill tops above 600m: Almost nil through the day, becoming 40% in evening

Low cloud and visibility: Moderate or poor through the day, but very poor on most slopes with extensive cloud above 400 or 500m and some patches lower down, especially in west. Becoming mainly good in evening beneath more broken cloud above 600m, though perhaps some mist or fog patches forming.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 13 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/35 S	33/43 S	34/44 S	29/39 S	19/27 SW	17/23 W	17/23 W
300	20/29 S	26/36 S	26/37 S	21/33 S	13/23 S	11/17 W	11/17 W
Valley	12/27 S	16/35 S	16/36 S	16/34 S	10/22 SW	9/18 W	9/18 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	5/-2	4/-2	5/-1	6/1	4/-1	3/-2
300	8/3	7/2	7/1	8/3	8/5	6/3	5/1
Valley	8/5	8/4	7/3	8/4	8/6	6/4	5/2
Freezing Level*	1700m	1600m	1700m	1700m	1700m	1400m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A mild, but wet day with difficult conditions due to soggy ground and fast flowing river courses and possibly some flooding. Also windy at height so note the cold feeling on the tops despite mild temperatures.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 13 Feb 2022	3.8mm	3.8mm	5mm

Forecast for Monday 14 Feb 2022

Weather: Some uncertainty, but a showery day expected with a longer spell of heavy rain in morning, this perhaps accompanied by hail and thunder. Turning to more scattered showers in afternoon with some brighter spells, but showers a touch wintry over the tops, though mainly dry by dusk.

Maximum wind: West 20 perhaps 30 gust 40mph, turning northwest by the afternoon and then easing 15-20mph

Chance of cloud-free hill tops above 600m: 30%, becoming 60% in afternoon

Low cloud and visibility: Mostly good beneath cloud, but poor at times in rain and showers and very poor when in cloud, with generally extensive cloud in morning above 500-600m, sometimes 400m, but more broken cloud in afternoon.

Temperature: **Valleys:** Plus 4 C rising to plus 9 C, but falling to plus 2 C later
At 600m: Plus 2 C falling to zero C in afternoon.
Freezing level: 1000m falling to 600m in afternoon

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